

ABSTRACT

The invention provides a method for the purification of cytochrome P450 molecules, particularly human P450 molecules including 2C9, 2C19, 2D6 and 3A4, the method comprising expressing in a host cell culture a human cytochrome P450 molecule; recovering said cells from said culture and suspending said cells in a high salt buffer; lysing said cells and removing cell debris to provide a high-salt lysate; adding to said lysate a detergent to provide a high-salt-detergent lysate; and recovering said human P450 from said lysate. The method provides yields of human P450 proteins suitable for crystallization.